

Response to U.S. Application No. 09/680,774
Docket No. 005974/00069

Amendments to the Drawings

The attached sheets of drawings include changes to Figs. 2. This drawing sheet replaces the original sheet bearing Fig. 2.

In Fig. 2, the legend "Prior Art" has been added.

Attachment:

Replacement Sheets showing changes to Fig. 2

Annotated Sheets Showing Changes to Fig. 2.

Application No. 09/680,774
 Annotated Drawing Sheet Showing Changes

SEP 07 2004

Traditional Class A System (no parallel commands)

User	Commands
1) Select "Extrapolation" command.	➤ Activate "Extrapolation" command.
2) Select patch 1.	➤ Mark patch 1 for extrapolation command.
3) Extrapolate patch 1 (dynamic interactive) by moving the extrapolation handle to the left, until the result satisfies.	For each dynamic step on modification of patch 1 do: ➤ Extrapolate
4) Select Matching command.	➤ Activate Matching command.
5) Select patch 2 as modified patch with neighbor edge to patch 1.	➤ Mark patch 2 for Matching as modification patch.
6) Select patch 1 as reference patch with neighbor edge to patch 2.	➤ Mark patch 1 for Matching as reference patch.
7) Adjust matching parameter (deactivate partly, inverse direction)	
8) Activate Matching.	➤ Match
9) Select Control Point command	➤ Activate "Control Point" command.

10) Select patch 2. ➤ Mark patch 2 for "Control Point" command.

11) Move third control point row of patch 2 (dynamic interactive) using one of the line segments of the control point mesh handle, until the following matching will satisfy (this is a guess).	For each dynamic step on modification of patch 2 do: ➤ Adjust control points.
12) Select Matching again.	➤ Activate Matching command.
13) Select patch 2 as modified patch with neighbor edge to patch 1.	➤ Mark patch 2 for Matching as modification patch.
14) Select patch 1 as reference patch with neighbor edge to patch 2.	➤ Mark patch 1 for Matching as reference patch.
15) Activate Matching.	➤ Match
Repeat step 9 and 15 until result satisfies.	

Fig. 2
 "PriorArt" added

Application No. 09/680,774
 Replacement Sheet

SEP 07 2004

Traditional Class A System (no parallel commands)

User	Commands
1) Select "Extrapolation" command.	➤ Activate "Extrapolation" command.
2) Select patch 1.	➤ Mark patch 1 for extrapolation command.
3) Extrapolate patch 1 (dynamic interactive) by moving the extrapolation handle to the left, until the result satisfies.	For each dynamic step on modification of patch 1 do: ➤ Extrapolate
4) Select Matching command.	➤ Activate Matching command.
5) Select patch 2 as modified patch with neighbor edge to patch 1.	➤ Mark patch 2 for Matching as modification patch.
6) Select patch 1 as reference patch with neighbor edge to patch 2.	➤ Mark patch 1 for Matching as reference patch.
7) Adjust matching parameter (deactivate partly, inverse direction)	
8) Activate Matching.	➤ Match
9) Select Control Point command	➤ Activate "Control Point" command.

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10) Select patch 2.	➤ Mark patch 2 for "Control Point" command.
11) Move third control point row of patch 2 (dynamic interactive) using one of the line segments of the control point mesh handle, until the following matching will satisfy (this is a guess).	For each dynamic step on modification of patch 2 do: ➤ Adjust control points.
12) Select Matching again.	➤ Activate Matching command.
13) Select patch 2 as modified patch with neighbor edge to patch 1.	➤ Mark patch 2 for Matching as modification patch.
14) Select patch 1 as reference patch with neighbor edge to patch 2.	➤ Mark patch 1 for Matching as reference patch.
15) Activate Matching.	➤ Match
Repeat step 9 and 15 until result satisfies.	

Fig. 2

Prior Art